



STDN DAILY REPORT
FOR GMT DAYS
25, 26, 27 AND 28, JANUARY 2001

Part I. Operations

25 JANUARY

- A. SN Anomalies - None.
- B. ISS/ECOMM ANOMALIES - None.
- C. GN ANOMALIES - None.

26 JANUARY

- A. SN Anomalies - None.
- B. ISS/ECOMM Anomalies - None.
- C. GN ANOMALIES

1. PF1/EO-1 Support

26/0455-0257Z

The site reported that when X-Band came on the Ampex recorders where not writing and it was discovered that the SIM300s were in parallel mode. They were placed in serial mode, the correct mode for EO-1 and the remainder of the X-Band data was successfully recorded. Approximately one minute of data was lost. Recoverability of this data is unknown.
TTR # 23527 CDS # 17942

STATION EQUIPMENT ANOMALY

PF1 045550-050650Z 1 Min Data Loss unknown if recoverable

2. WGS/QST Support

26/2307-2322Z

The Master computer did not transfer the schedule reason unknown. The SCC & PTP were manually configured. The receiver dropped lock momentarily midway into the pass. Relock occurred automatically and the remainder of the pass Was nominal. QuikSCAT informed WGS the receiver dropped lock and reported no uplink to the S/C. A resweep was initiated and subcarrier came on when the sweep was commanded to stop. TTR # 23529 CDS # 17945

ANOMALY UNKNOWN

11 Meter 2259-2307Z 8 Min Data Loss unknown if recoverable

3. WGS/SAMPEX Support

26/1741-1750Z

The Project did not receive real-time data and unable to command. Due to an operator error. The operator failed too properly configure WFEP NR.1 for Sampex following a TOMS-EP support. Data was recorded and replayed post-pass.
TTR # 23530 CDS # 17947

OPERATOR ERROR

TOTS 9 Min Svc/Data Loss Non-Recov

4. AGS/TOMS-EP Support

26/1953-2007Z

AGS reported that the Metrum # 0 failed to start for the TOMS-EP support. Anomaly is under investigation.
TTR # 23533 CDS # 17944

STATION EQUIPMENT

TOTS 14 Mins. Svc/Data Loss recoverable

27 JANUARY

SN Anomalies:

1. WSGT/MULTIPLE Supports

27/1620-1655Z

No ODM/GCMR capability due to the Prime OPS Path failed. The Prime Ops Path was restored at 16:55Z, CSC transmitted one GCMR for HST to change mode from Coho to Non-Coho. TTR 23532.

COMM. PROBLEM MODEM AT WSC

275 ECOMM SSA1F/R 1611-1643Z 23 Min Svc Loss

TDW HST SSA1F/R 1601-1654Z 35 Min Svc Loss

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies :

1. SGS/QST Support

27/0344-0420Z

SGS reported that when the schedule was transferred to SCC the SCC did not set up for the support. The schedule on the SCC was empty. An error message on SCC: "critical system error (UIF) message send failed". A restart of the Master and SCC was done and the schedule returned, however it was too late to support the event. The SCC box was green on Master SCC 4.2.

TTR # 23531 CDS # 17949

STATION EQUIPMENT

11 Meter 035332-040738 14 Mins 6 Secs Svc/Data Loss
unknown if recoverable

2. AGS/WIRE Support

27/0414-0425Z

AGS reported that the Master computer failed to start the METRUM recorders and did not configure the EXCITER.

TTR # 23534 CDS # 17948

STATION EQUIPMENT

TOTS 11 Mins. Svc/Data Loss recoverable

3. AGS/TOMS-EP Support

27/1908-1921Z

AGS reported that the Metrum # 0 failed to start for the TOMS-EP

support. Anomaly is under investigation. TTR # 23535
CDS # 17950

STATION EQUIPMENT

TOTS 14 Mins. Svc/Data Loss recoverable

4. AGS/FAST Support

27/1747-1802Z

The site indicated that the TPCE and PAC # 3 hung during event and real-time data was not transmitted to the project. A manual playback of the data was performed by the site. TTR # 23536
CDS # 23536

STATION EQUIPMENT

TOTS 15 Mins. Svc/Data Loss recoverable

5. AGS/EO1 Support

27/2039-2052Z

The I channel data was never recorded. Post Pass the I channel session was not on the DQM. Also, the MOCC received a good Q channel. But there was no Q channel data available on the FTP section of the Master print out. TTR # 23537
CDS ID # 17964.

UNKNOWN ANOMALY

11 Meter 12 Min 56 Sec Svc/Data Loss recoverable

28 JANUARY

A. SN Anomalies - None.

B. ISS/ECOMM Anomalies - None.

C. GN Anomalies - None.

Part II . Testing Anomalies

A. SN Test :

1. Aqua Flight Operations	25/1900-26/0010Z EOC
Team (FOT) Mission	FOT/RFSOC/ETSF/
Test #1/Dry Run #1	WSC/NCC/SNOM/NISN, Ebnet/ERPS/EDOS/and IPNOCC

Objectives:

- A. Day In The Life Activities (normal operations procedures/loads for both bus and instruments).
- B. Accomplish daily nominal operations during required times.
- C. Simulation of GN and TDRSS contacts (~7 orbits)
- D. Demonstrate proper use of uplink products
- E. Perform transition to new daily MCL and ephemeris
- F. Demonstrate receipt and processing of all data collected (science data will be captured on EDOS-compatible tapes for post-test processing at GSFC).
- G. Produce and distribute analysis products for nominal operations.

Results: Objective Partially Met.

Remarks:

EVENT-1. Objectives Not Met - Clock correlation failed due to fluctuation in the TLM (range file/EOC Software anomaly)
EVENT-2. Objectives Met - All commands, but 1 was successful.
EVENT-3 Event canceled by MOC

B. GN Test - None.

Part III. Equipment Status Changes:

A Green Items Since Last Report:

- 1. WPS 924 LRSA:02-L6, Satan Receive Antenna #2, R 01200210Z, Green 01280800Z. Replaced Diodes CR3,4,5 on circuit Board 8TB2. Completed servo alignment corrected problem.

\$ = Changed ETRO
** = New Items

Part IV. Scheduled Activities:

STS-102/5A.1 MPLM End-To-End Test 29/1300-01/0100Z

AGS/SGS/WGS TERRA GSIP Parallel Operations 29/2242-2255Z

Part V. Launch Forecast Changes:

* 1.) W1502LS (LDBP) NET 08 FEB.,2001 T-0 =
UNKNOWN

* 2.) M2098LS (STS-98/ISS-07,5A) NET 07 FEB.,2001 T-0 =
2311:14Z